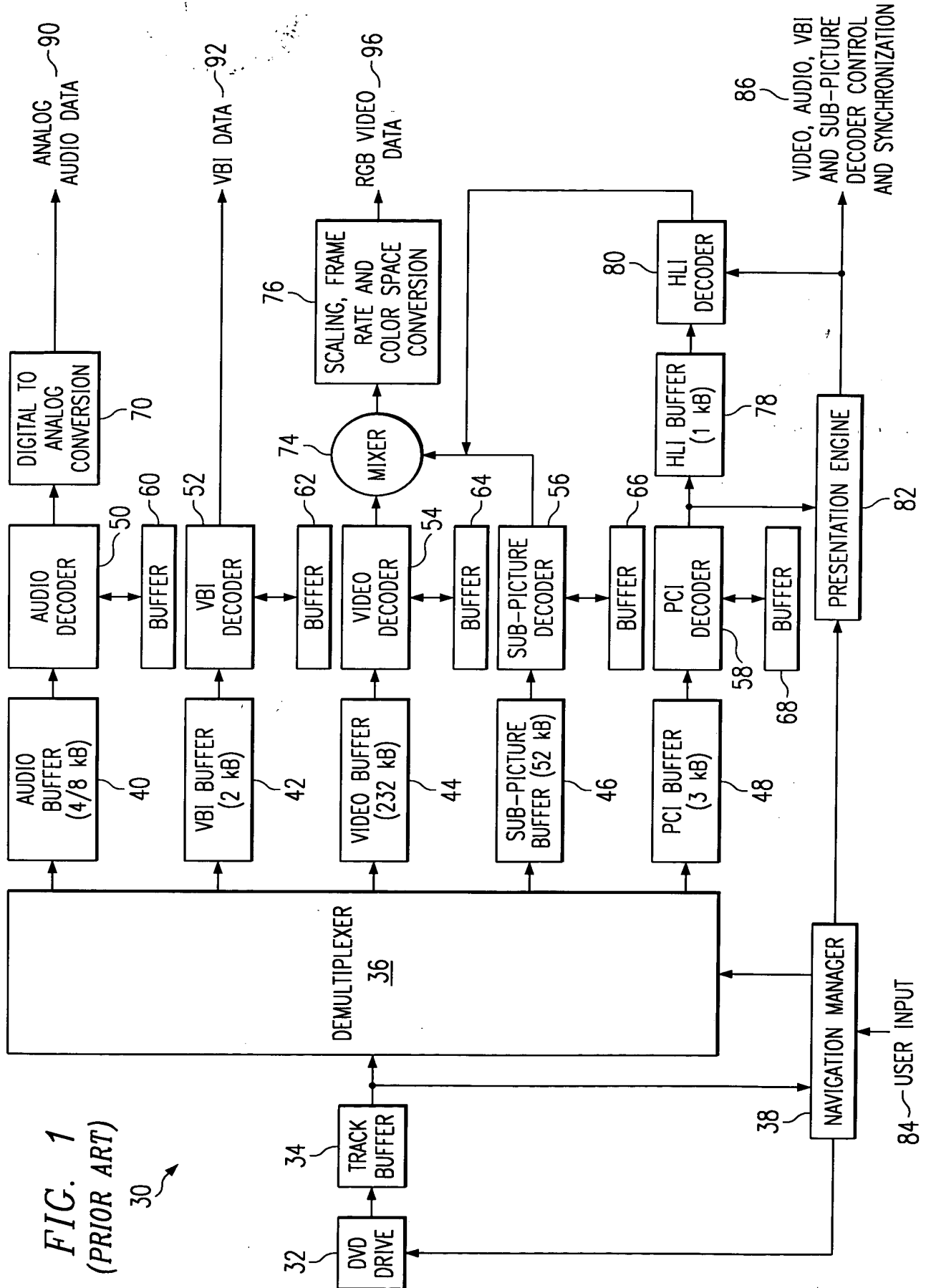


FIG. 1
(PRIOR ART)



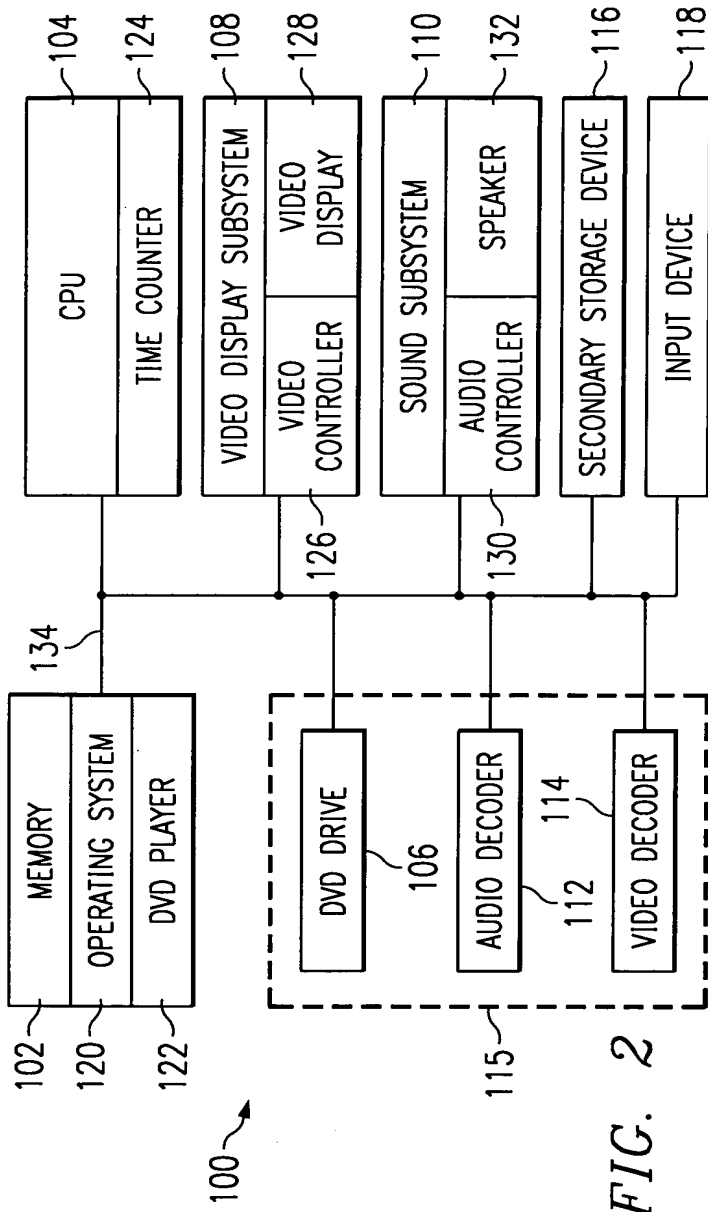


FIG. 2

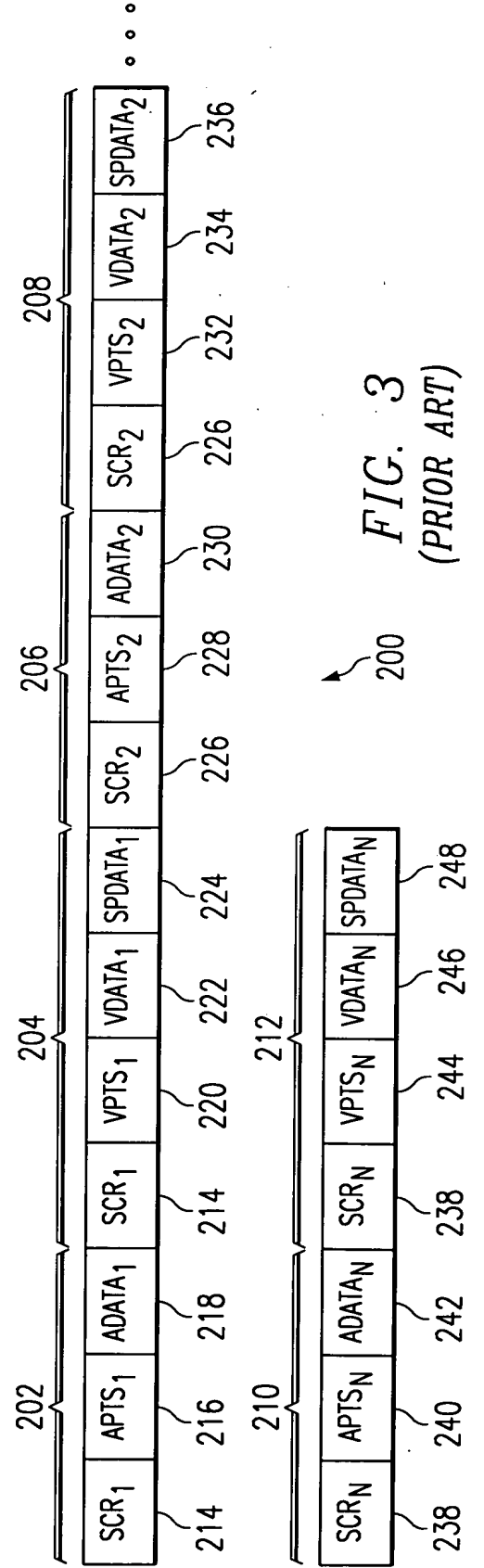


FIG. 3
(PRIOR ART)

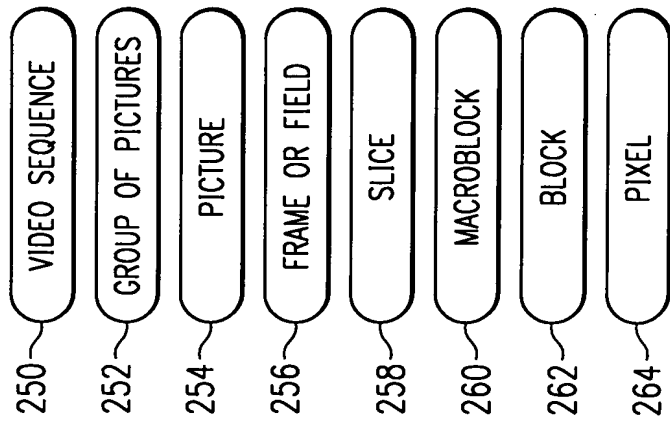


FIG. 4
(PRIOR ART)

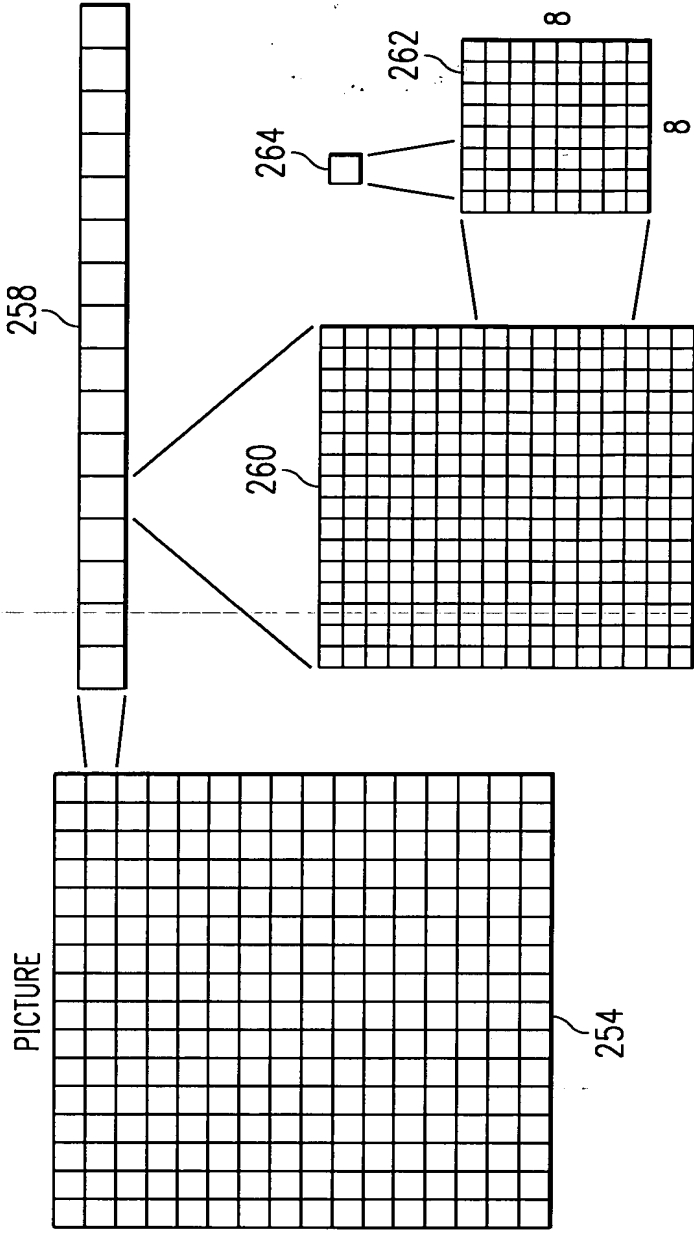


FIG. 5

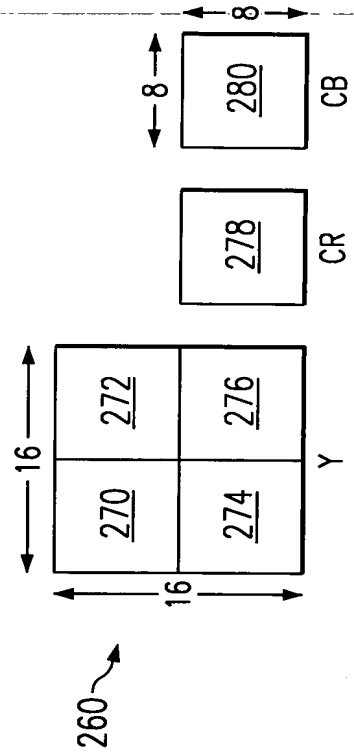


FIG. 6

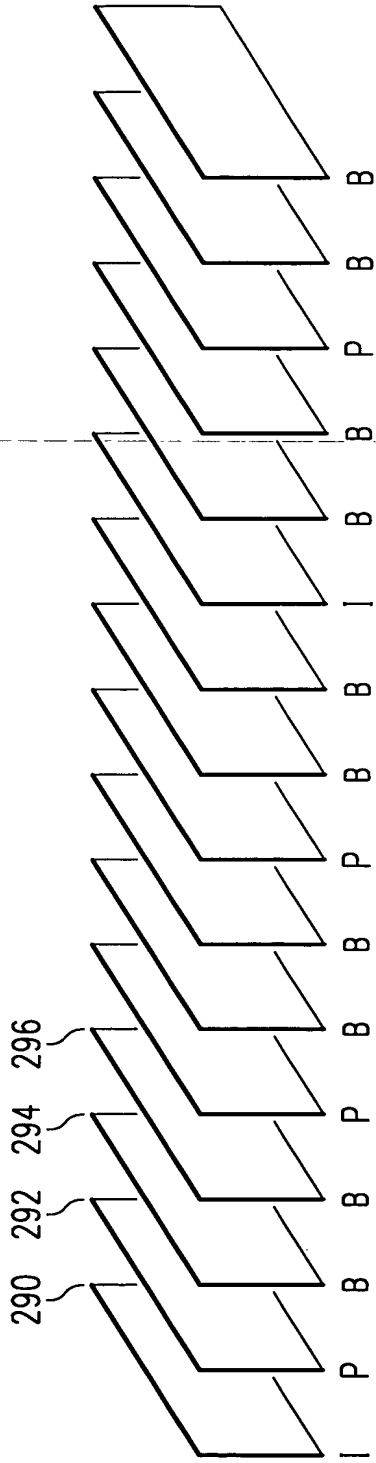


FIG. 7A
(PRIOR ART)

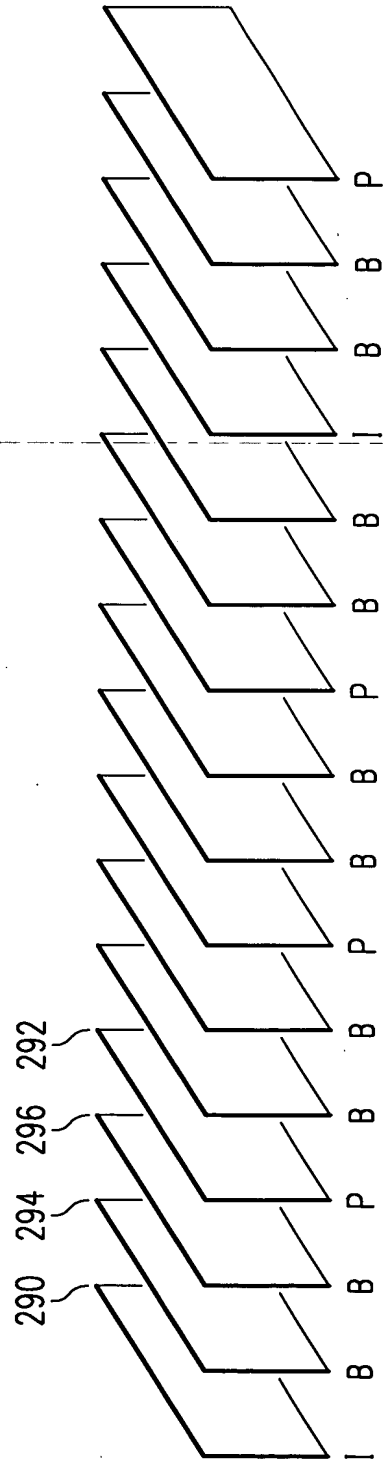


FIG. 7B
(PRIOR ART)

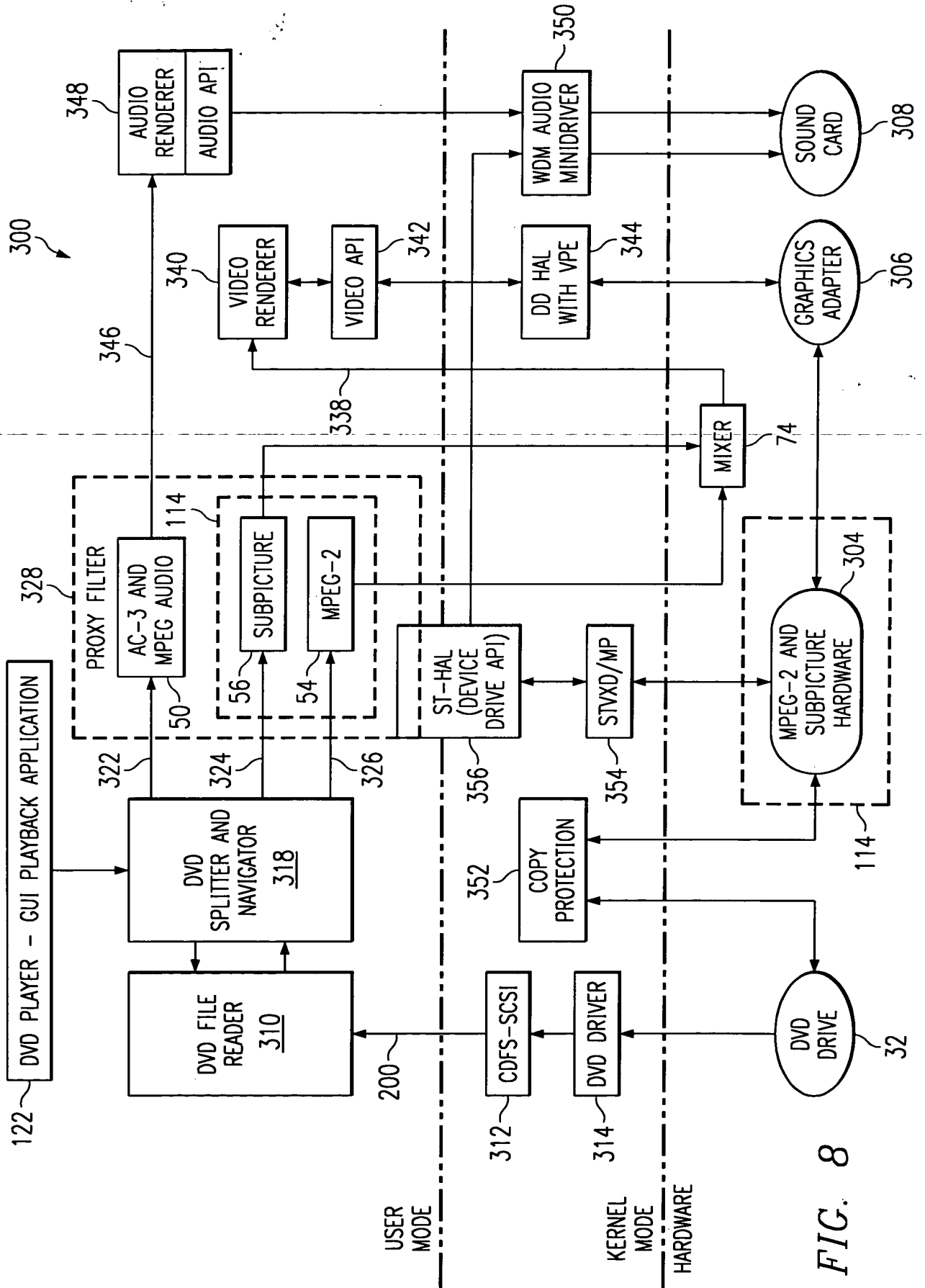
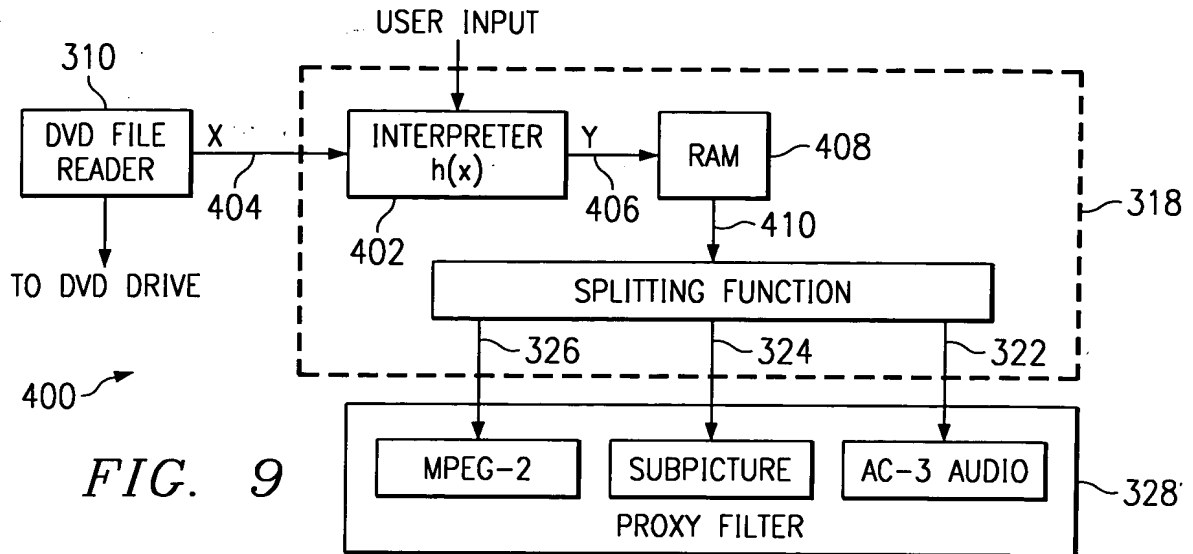


FIG. 8



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LOAD INSTRUCTIONS FOR 1st Y PREDICTION BLOCK IN MACROBLOCK
MERGE INSTRUCTIONS FOR 2nd Y PREDICTION BLOCK IN MACROBLOCK
⋮
MERGE INSTRUCTIONS FOR LAST Y PREDICTION BLOCK IN MACROBLOCK
WRITE INSTRUCTIONS FOR PREDICTED Y MACROBLOCK
LOAD INSTRUCTIONS FOR 1st CR PREDICTION BLOCK IN MACROBLOCK
MERGE INSTRUCTIONS FOR 2nd CR PREDICTION BLOCK IN MACROBLOCK
⋮
MERGE INSTRUCTIONS FOR LAST CR PREDICTION BLOCK IN MACROBLOCK
WRITE INSTRUCTIONS FOR PREDICTED CR MACROBLOCK
LOAD INSTRUCTIONS FOR 1st CB PREDICTION BLOCK IN MACROBLOCK
MERGE INSTRUCTIONS FOR 2nd CB PREDICTION BLOCK IN MACROBLOCK
⋮
MERGE INSTRUCTIONS FOR LAST CB PREDICTION BLOCK IN MACROBLOCK
WRITE INSTRUCTIONS FOR PREDICTED CB MACROBLOCK
⋮

FIG. 12

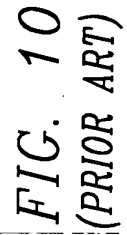


FIG. 10
(PRIOR ART)

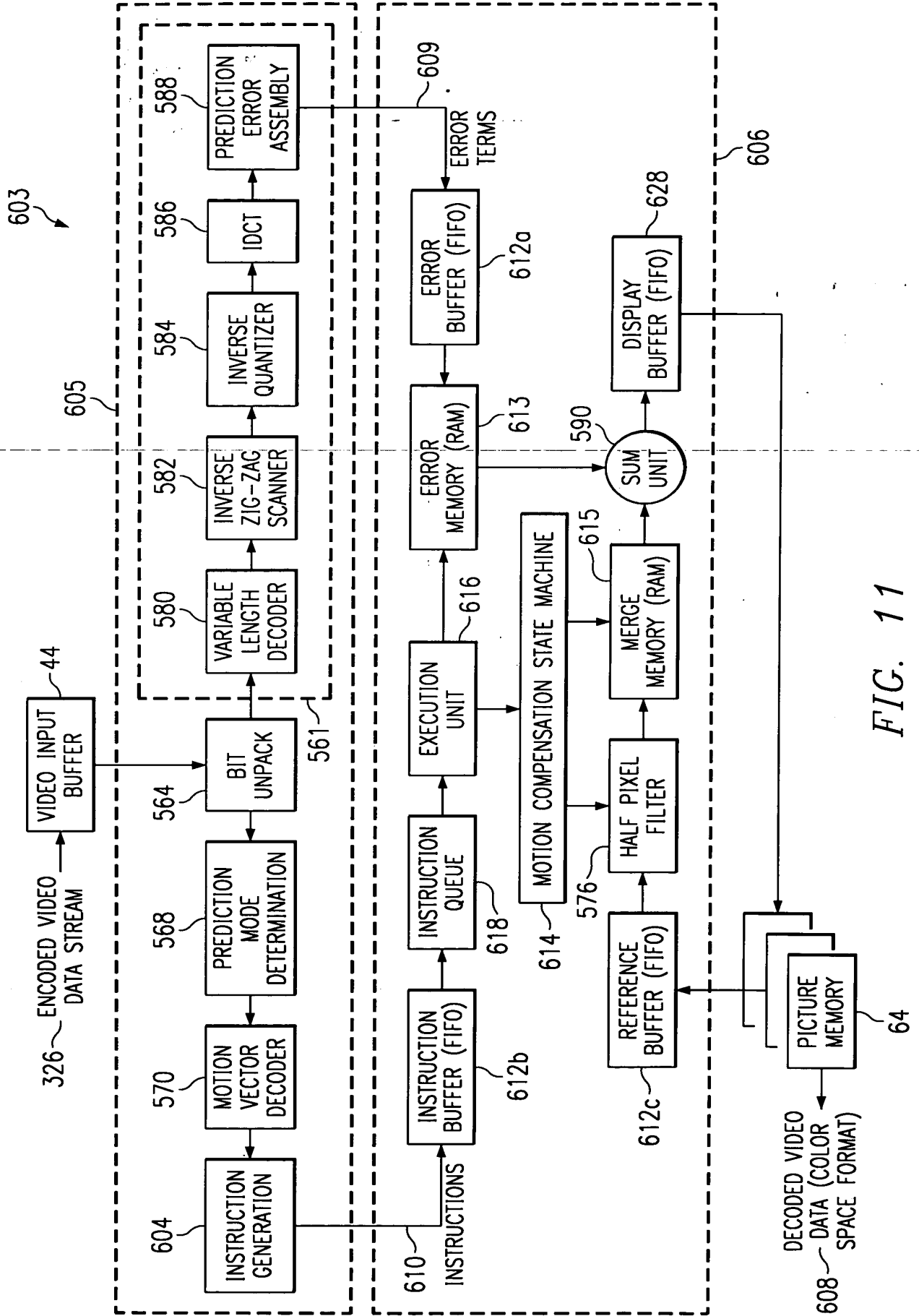


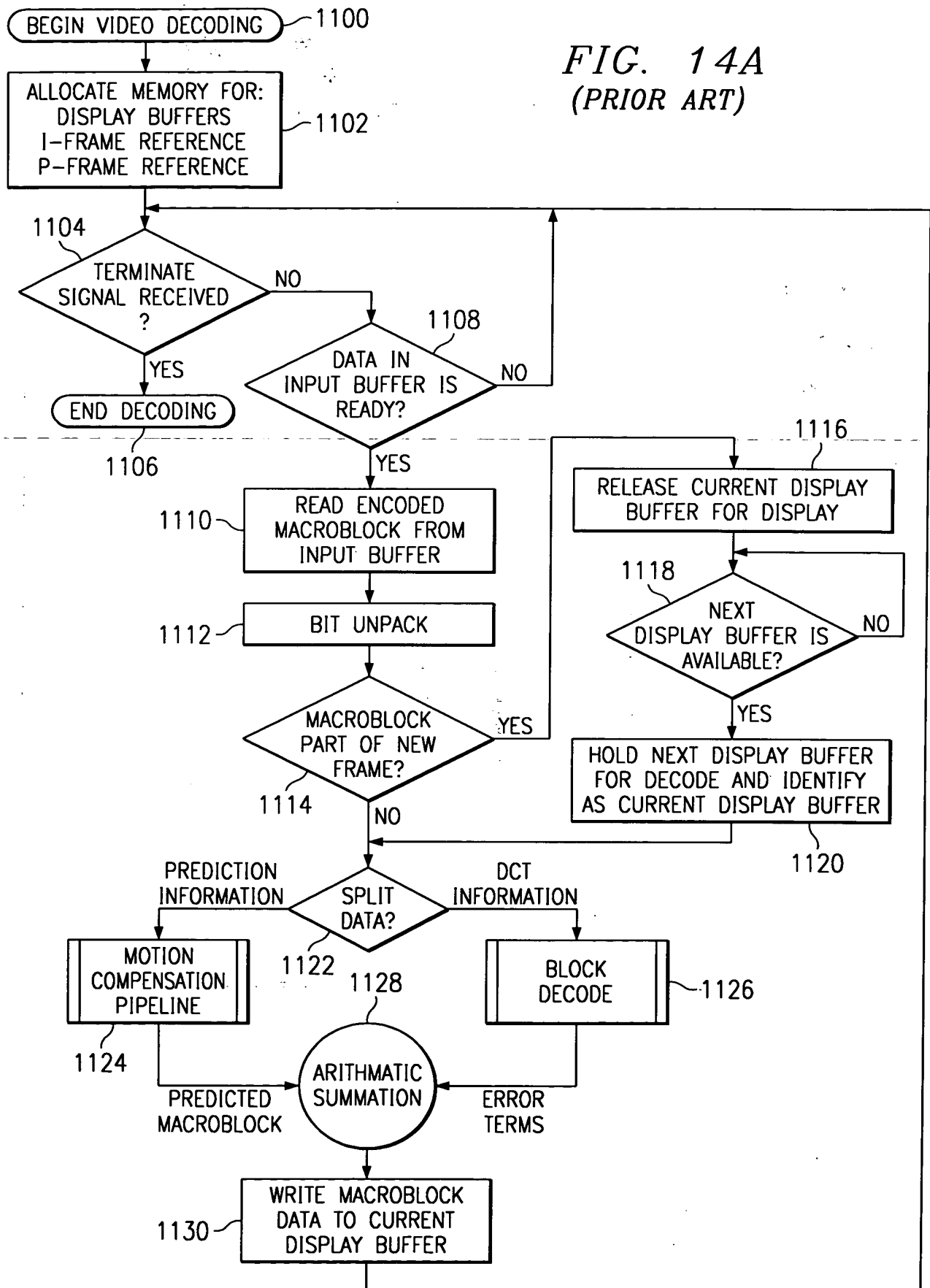
FIG. 11

700 ↗

33	28	UNDEFINED	27	26	21	20	19	18	17	16	13	12	11	10	8	7	6	5	4	2	1	0
		MCE			CODED BLK PAT			COLOR CMP		INTL		PRAM ADDR		PRAM INC		LOOP FLTR	HPH	HPV		STRP CNT		FUNC.
33																		5	4			0
																						WORD COUNT
33																		5	4			0
																						WORD COUNT
33																		5	4			0
																						WORD COUNT
33																		5	4			0
																						WORD COUNT
33	28	UNDEFINED	27	26	21	20	19	18	17	16	13	12	11	10	8	7	6	5	4	2	1	0
		MCE			CODED BLK PAT			COLOR CMP		INTL		PRAM ADDR		PRAM INC		LOOP FLTR	HPH	HPV		STRP CNT		FUNC.
																		5	4			0
																						WORD COUNT
33																		5	4			0
																						WORD COUNT
33																		5	4			0
																						WORD COUNT
33																		5	4			0
																						WORD COUNT
33																		5	4			0
																						WORD COUNT
33																		5	4			0
																						WORD COUNT

FIG. 13

FIG. 14A
(PRIOR ART)



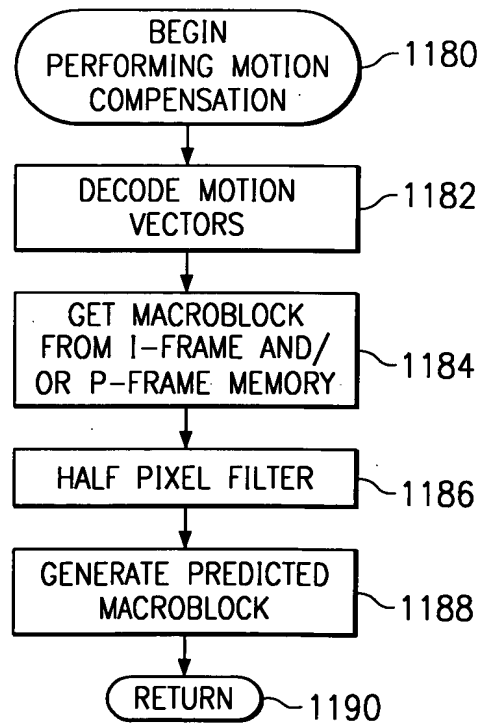
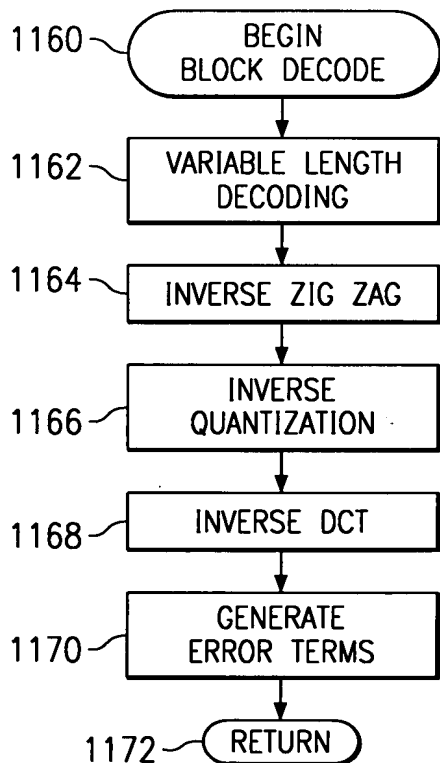
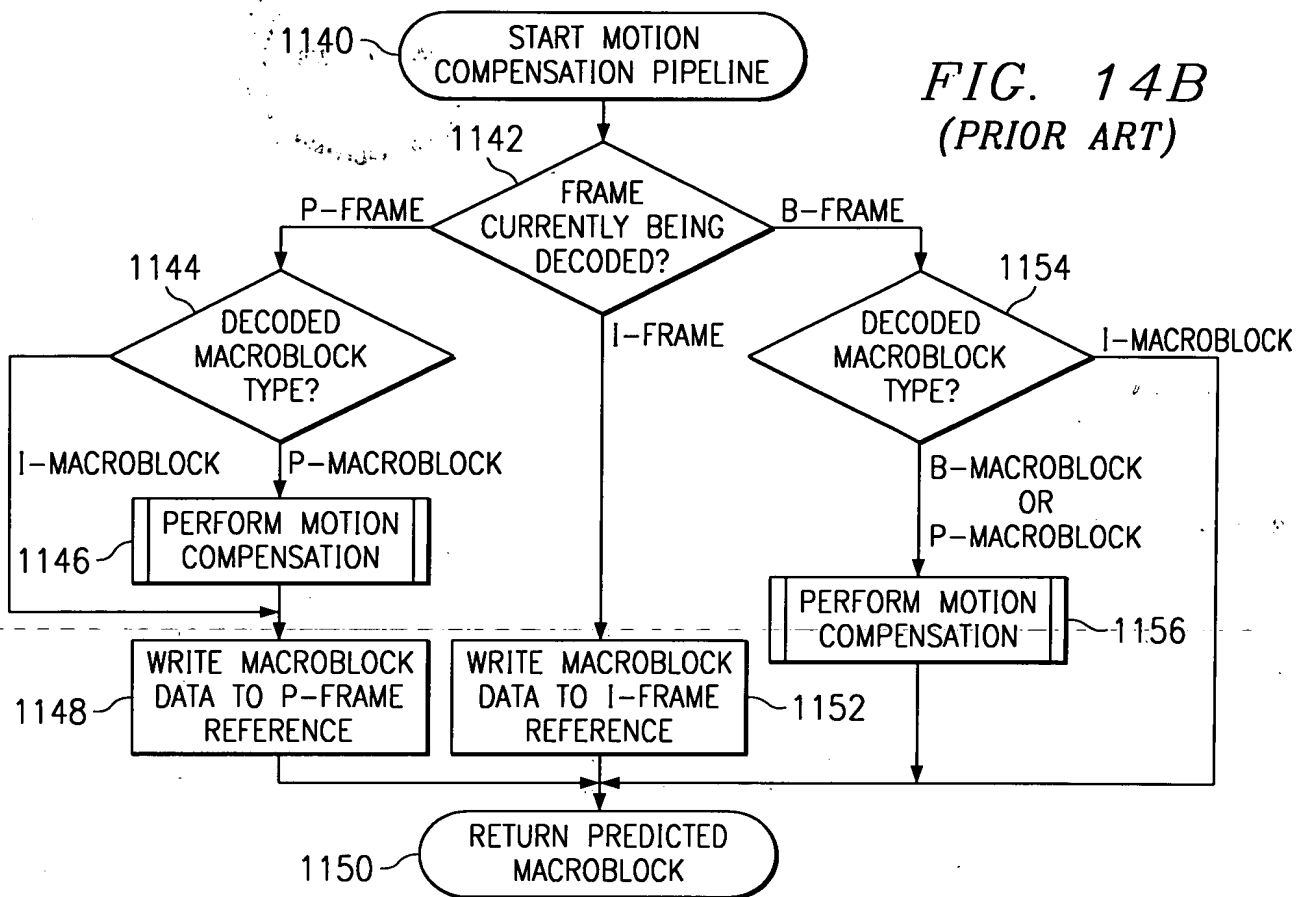
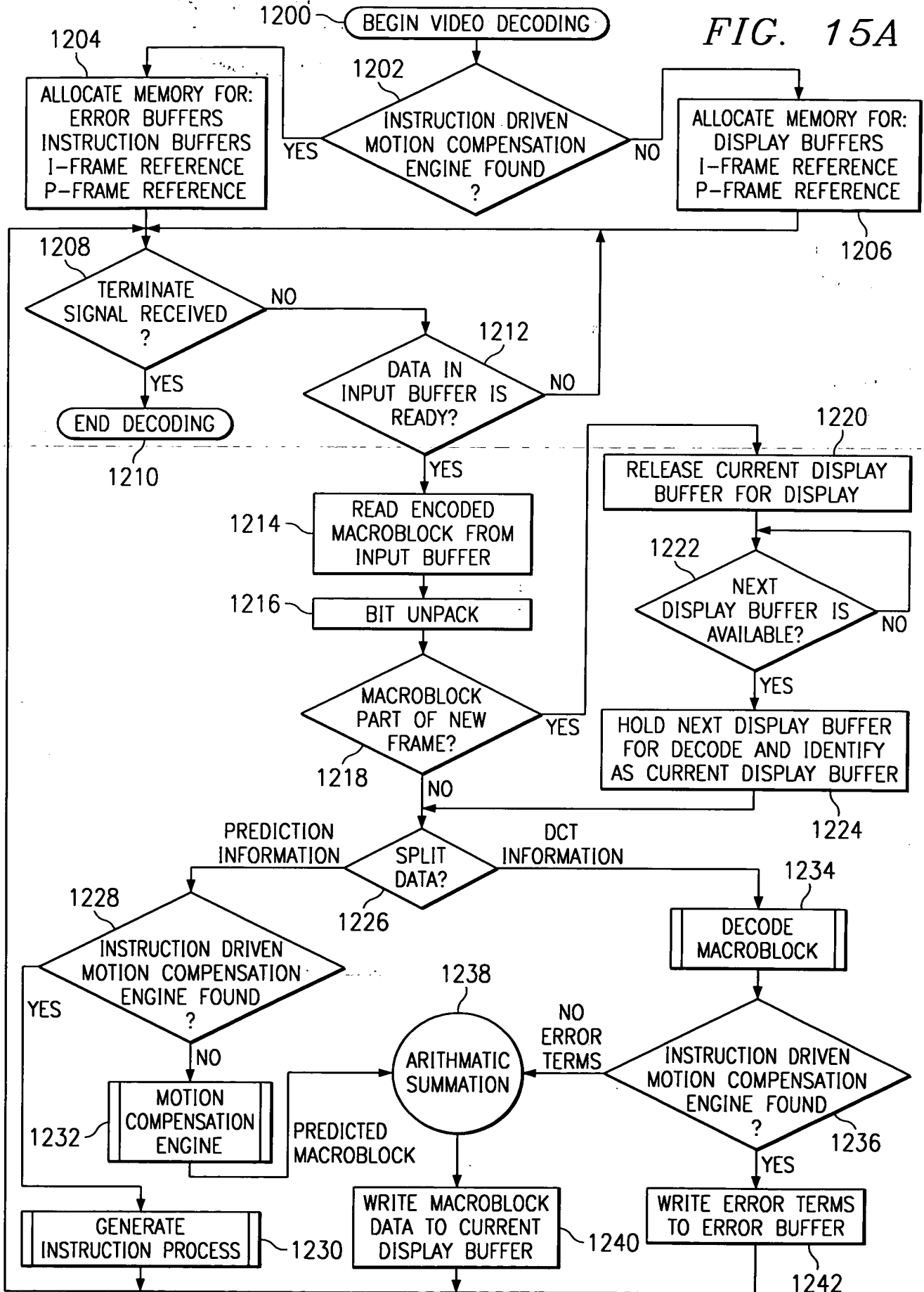


FIG. 15A



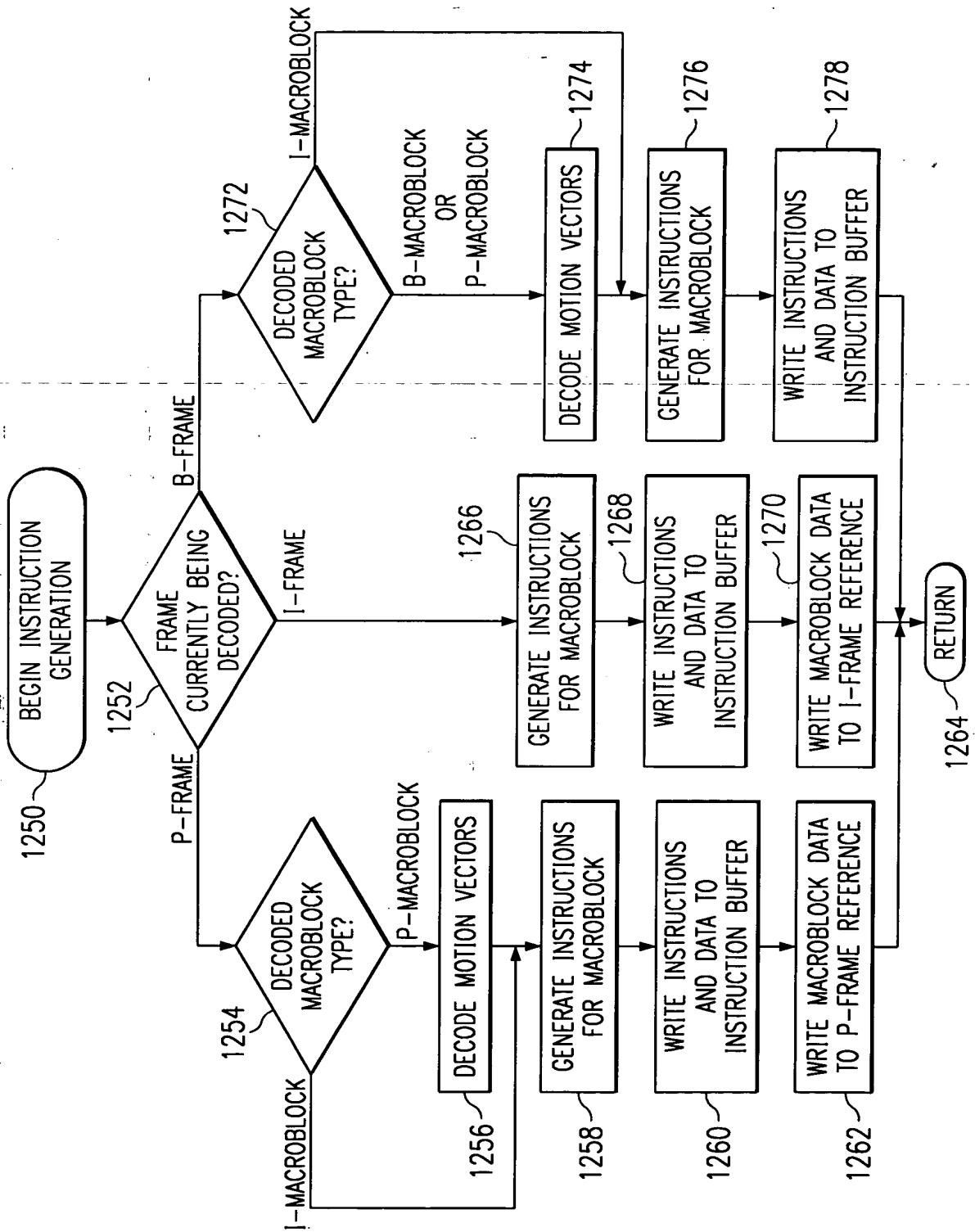


FIG. 15B

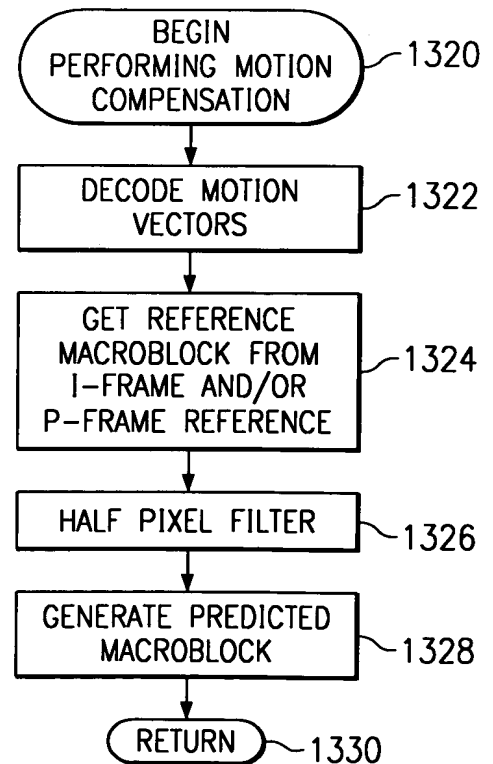
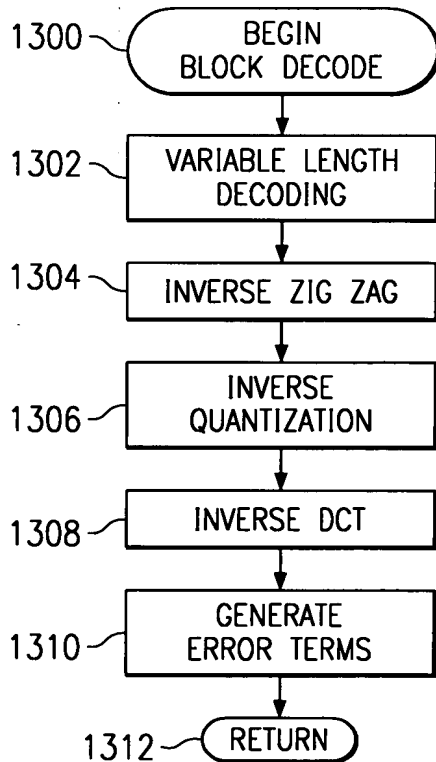
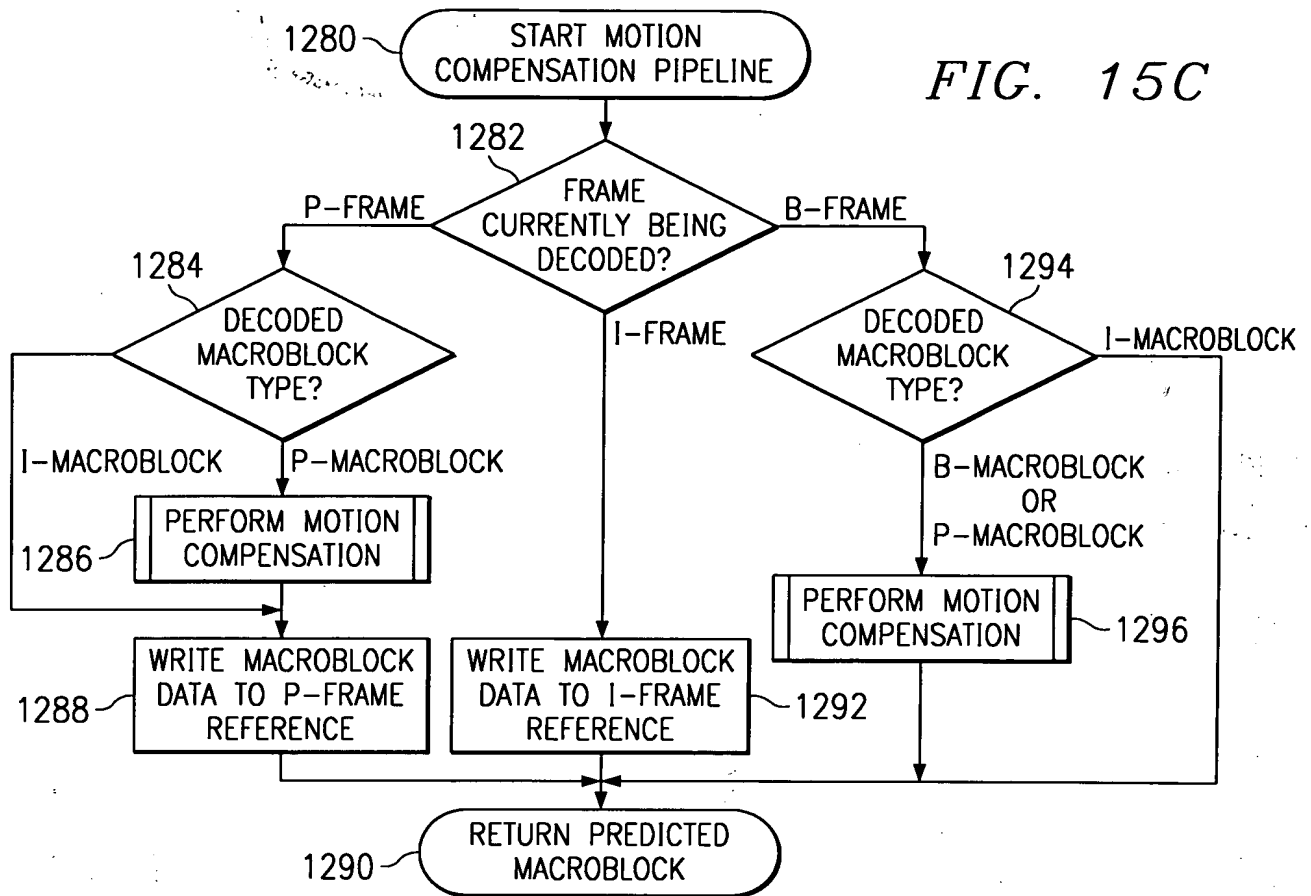
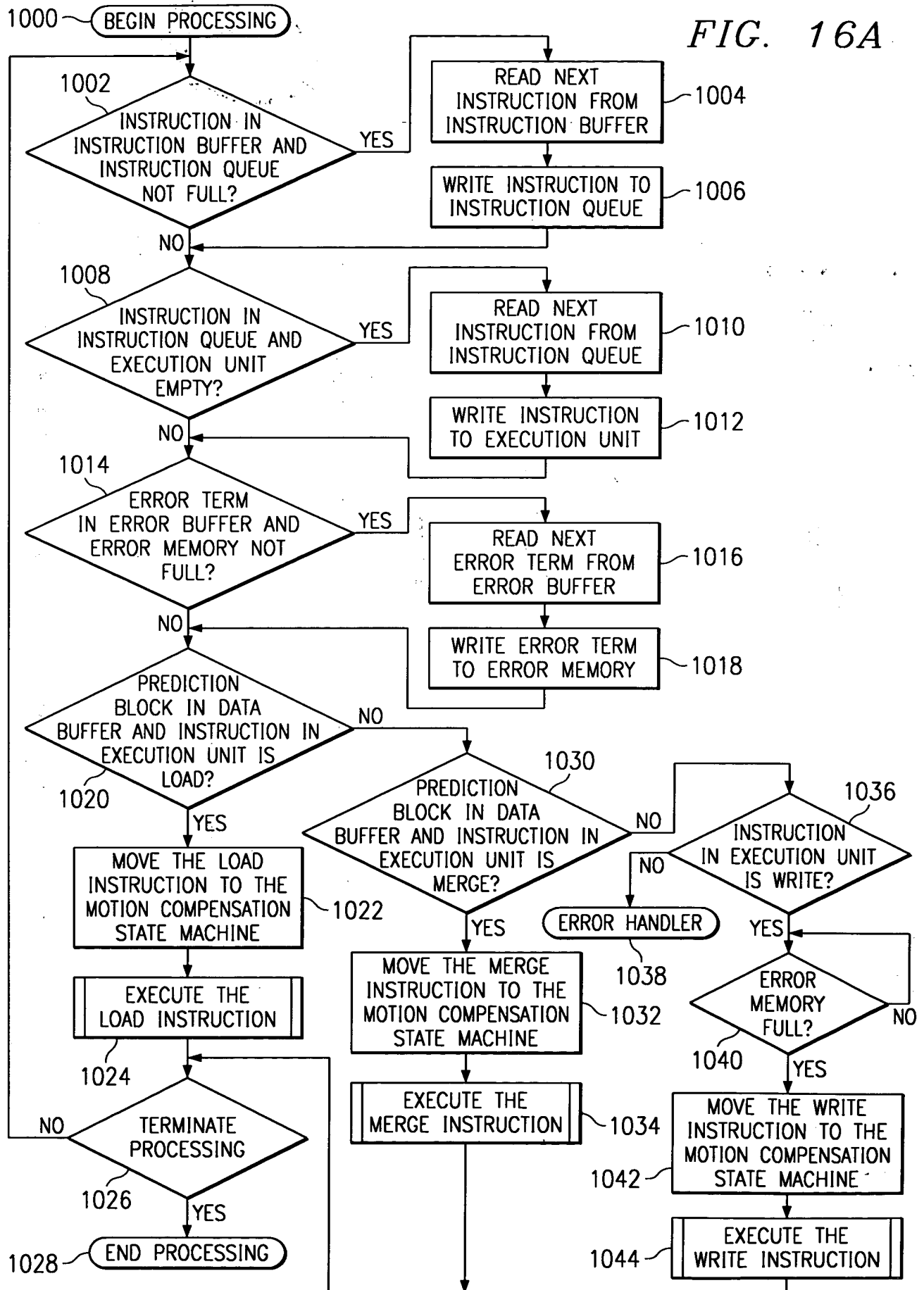


FIG. 16A



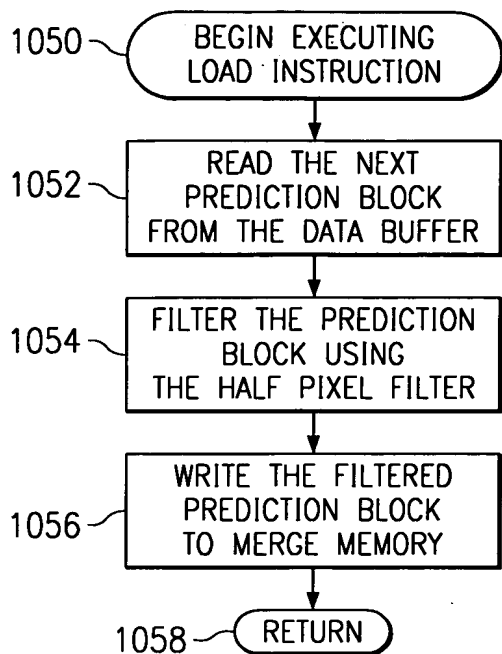


FIG. 16B

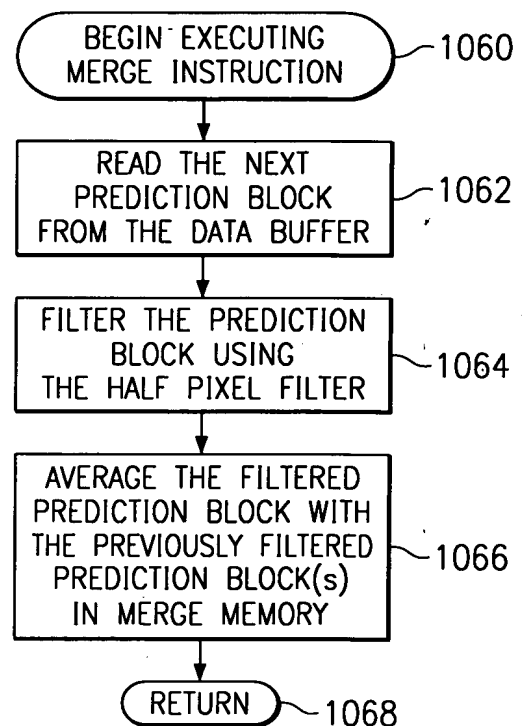


FIG. 16C

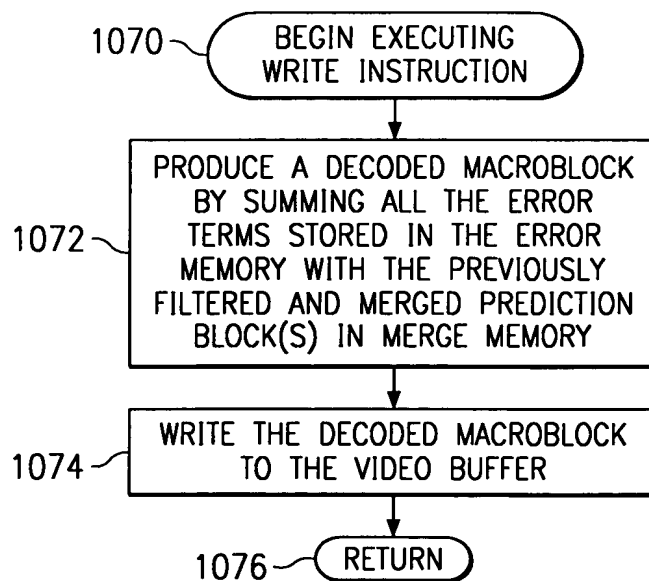


FIG. 16D

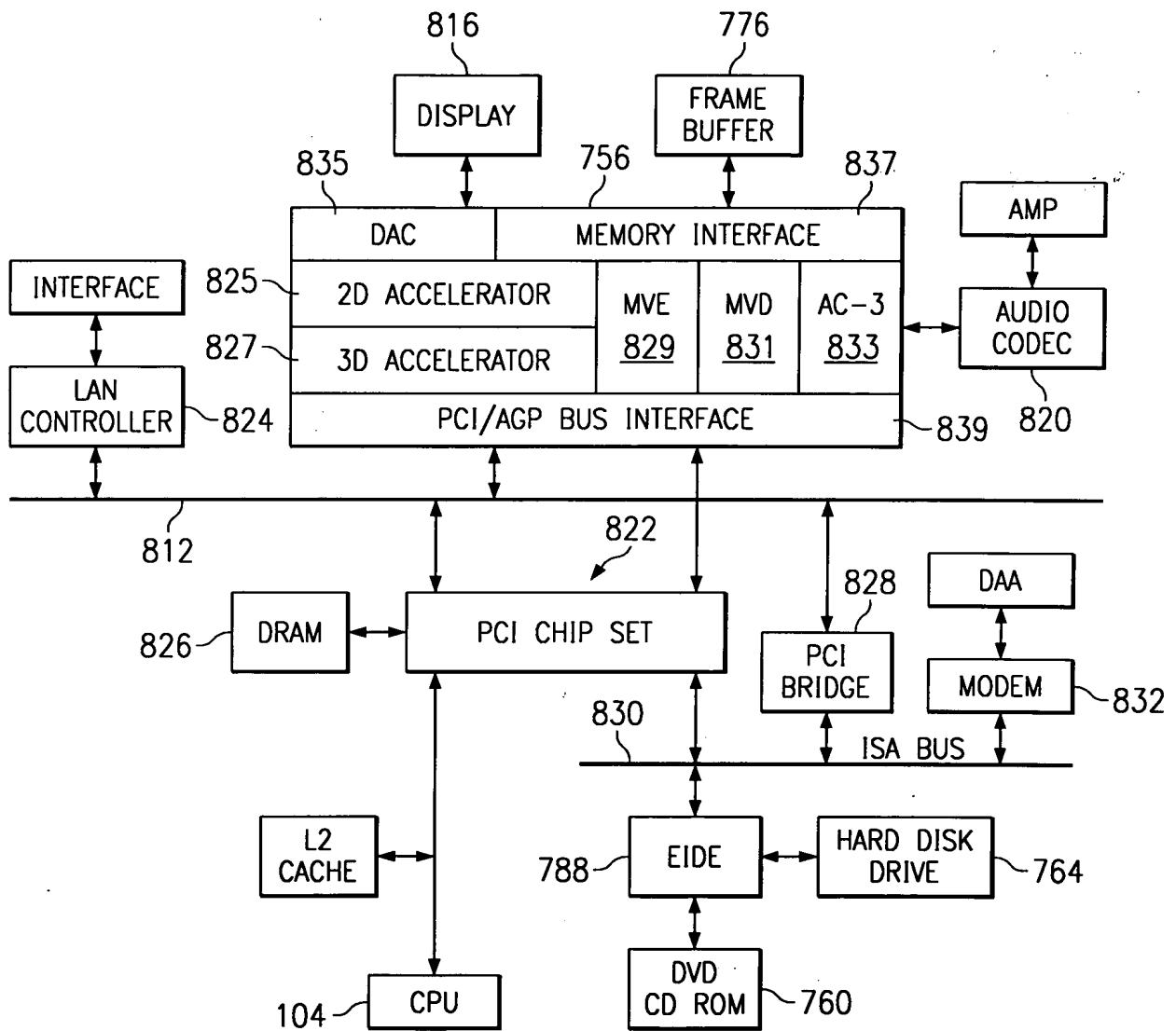


FIG. 17